

(QT Reviewed)

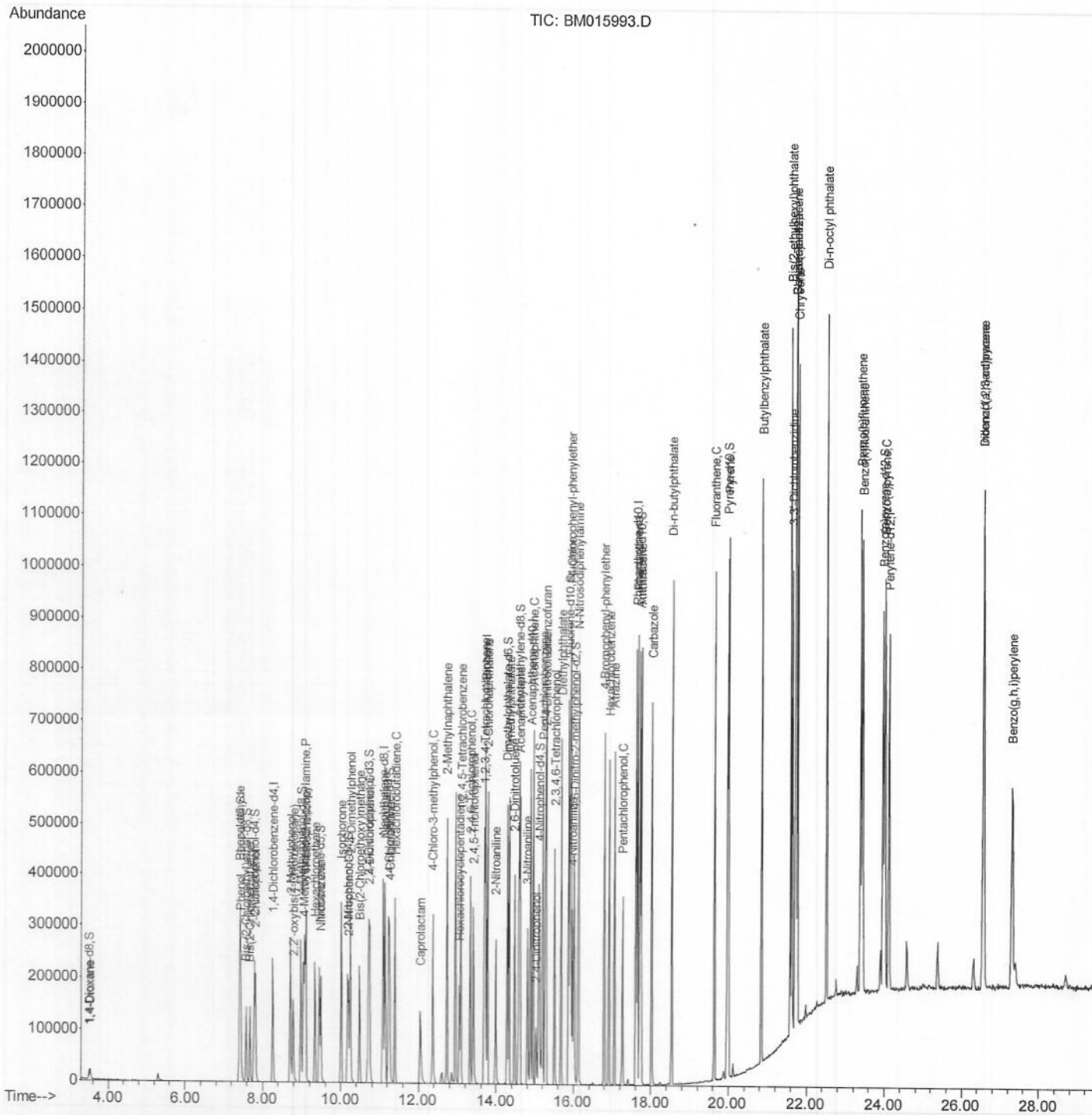
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
Data File : BM015993.D
Acq On : 19 Jul 2018 16:58
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02043

Manual Integrations APPROVED

Sohil
7/20/2018 4:04:56 PM

Quant Time: Jul 19 18:54:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 18 01:01:35 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

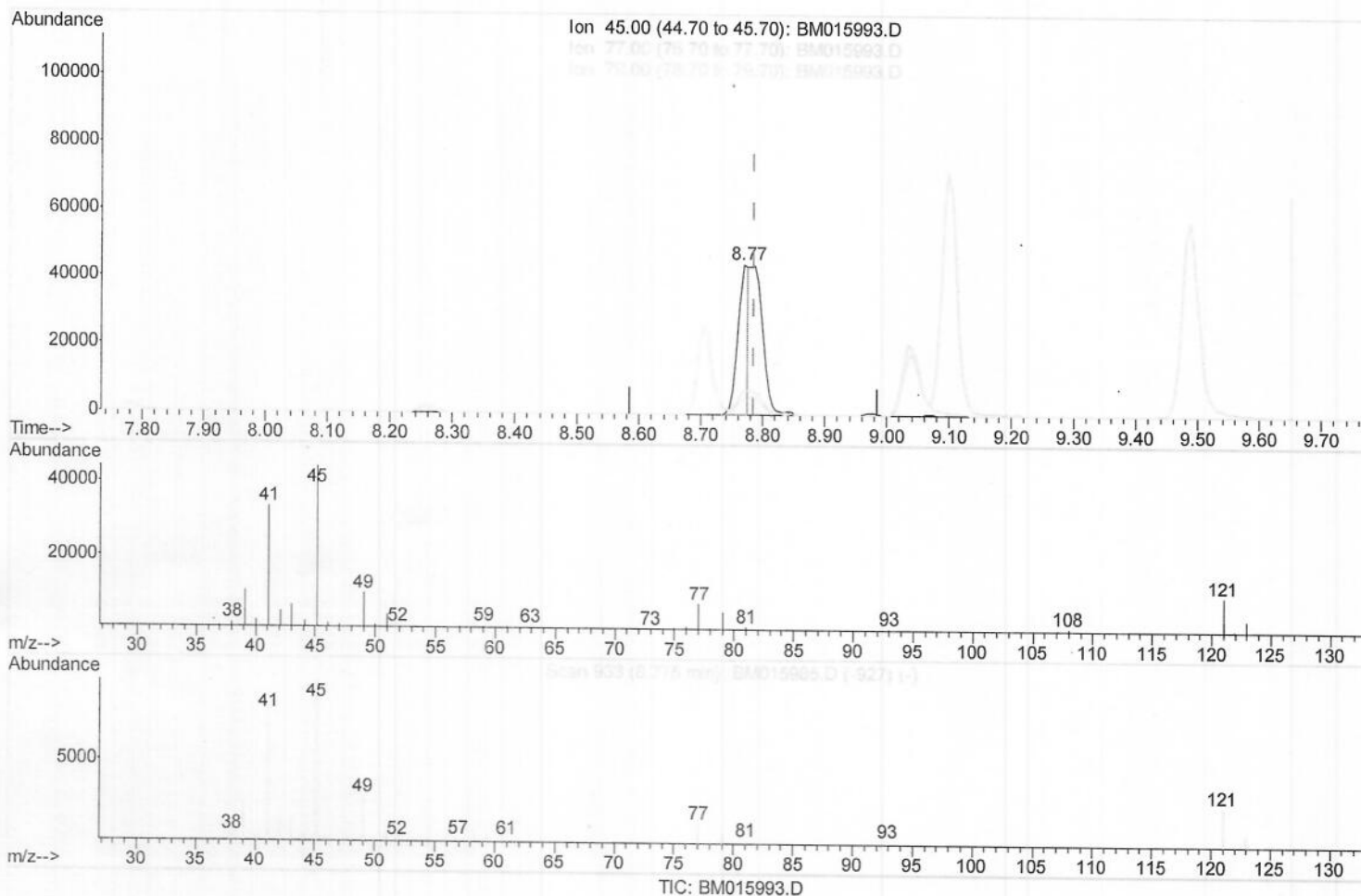
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Quant Time: Jul 19 18:23:55 2018
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(12) 2,2'-oxybis(1-Chloropropane)

8.769min (-0.018) 8.40ng/ul

response 51794

Ion	Exp%	Act%
45.00	100	100
77.00	19.90	16.05
79.00	15.60	10.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

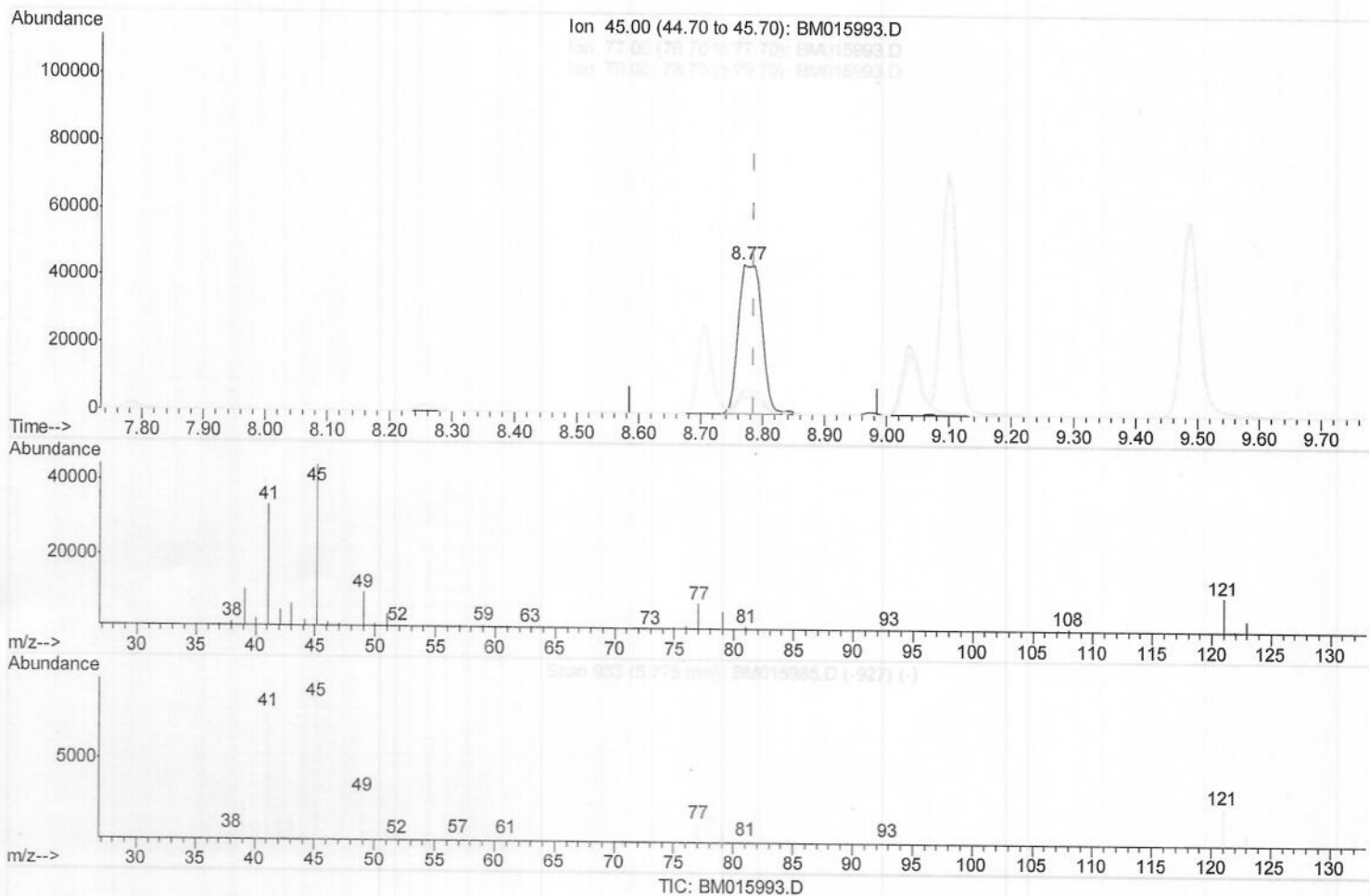
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(12) 2,2'-oxybis(1-Chloropropane)

8.769min (-0.018) 18.73ng/ul m

response 115441

Ion	Exp%	Act%
45.00	100	100
77.00	19.90	16.05
79.00	15.60	10.74#
0.00	0.00	0.00

SJ
 07/20/18

Quantitation Report (Qedit)

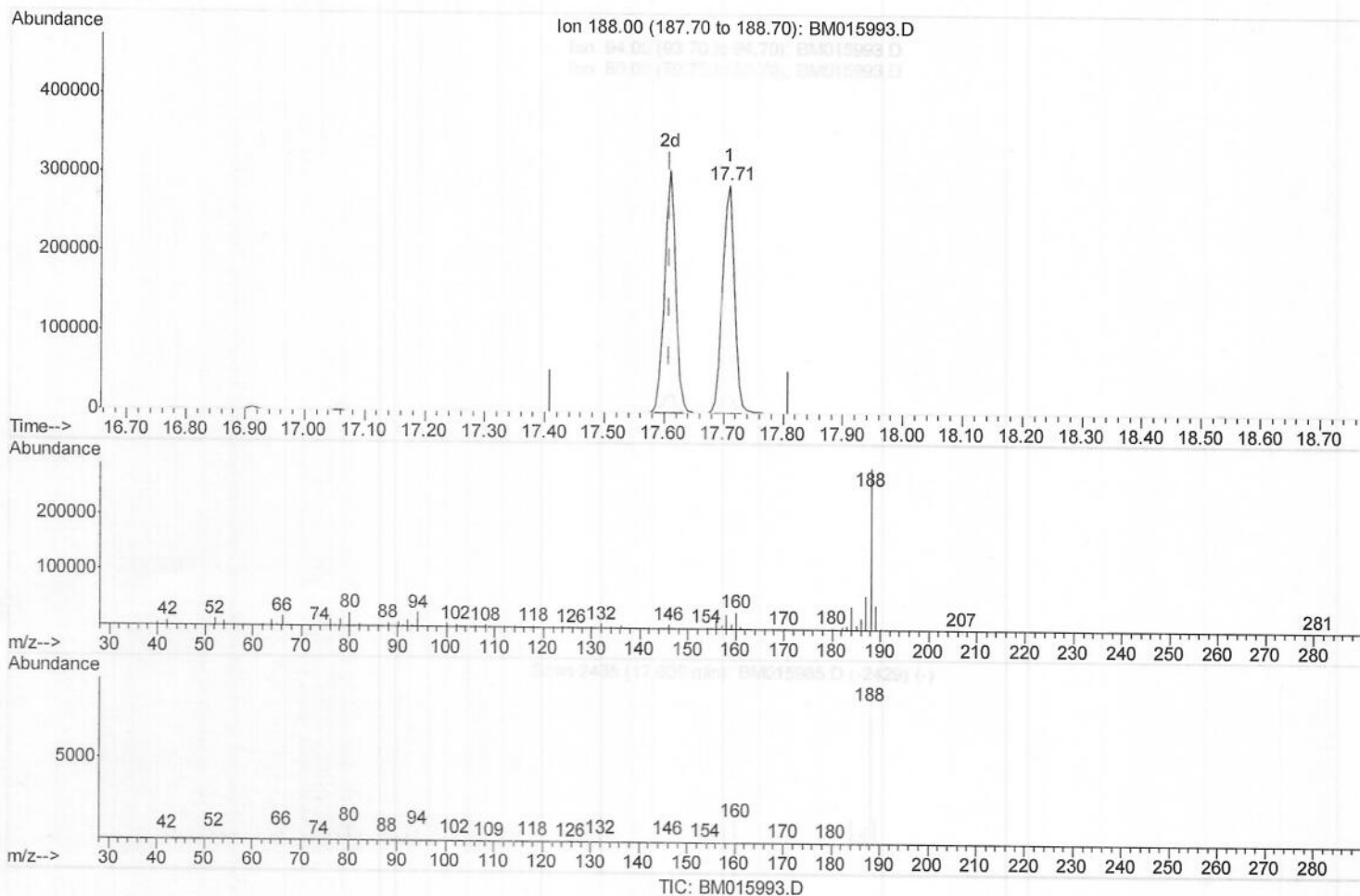
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(61) Phenanthrene-d10 (I)

17.709min (+0.100) 20.00ng/ul

response 401822

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	8.85
80.00	9.70	8.60
0.00	0.00	0.00

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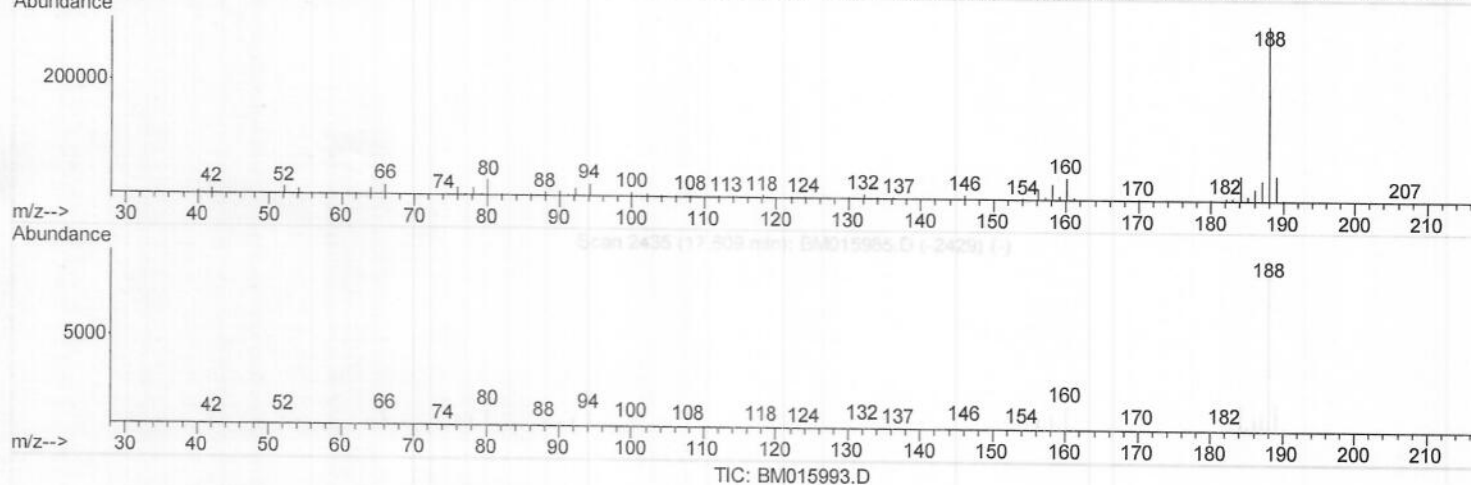
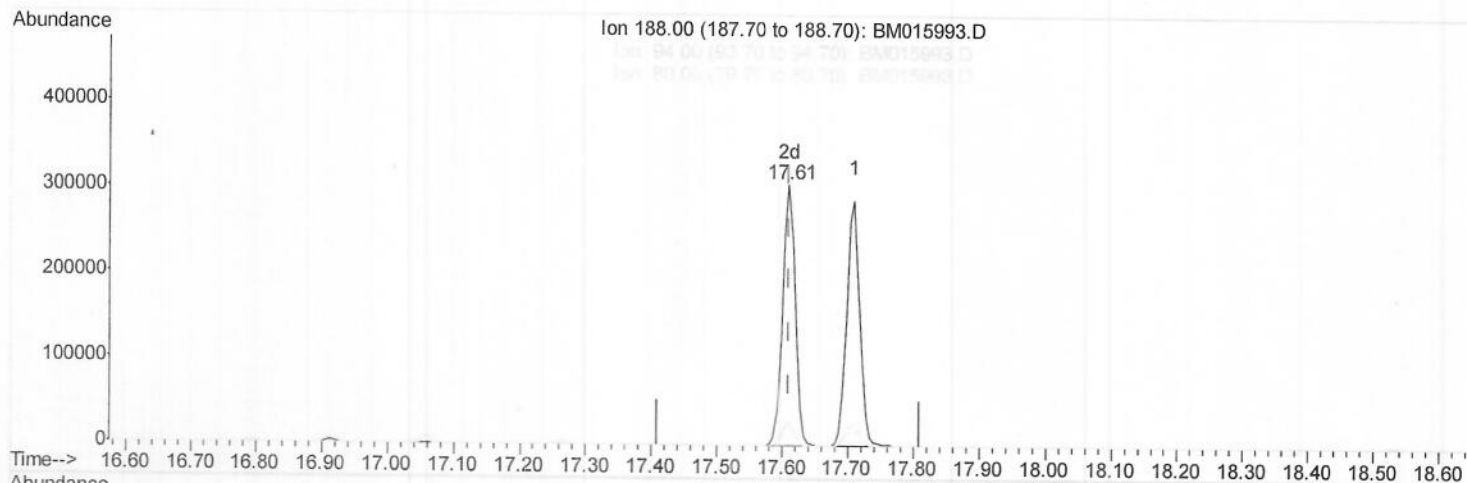
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(61) Phenanthrene-d10 (I)

17.609min (-0.000) 20.00ng/ul m

response 404407

Ion Exp% Act%

188.00 100 100

94.00 9.00 7.16#

80.00 9.70 8.99

0.00 0.00 0.00

SJ
 07/20/18

Quantitation Report (Qedit)

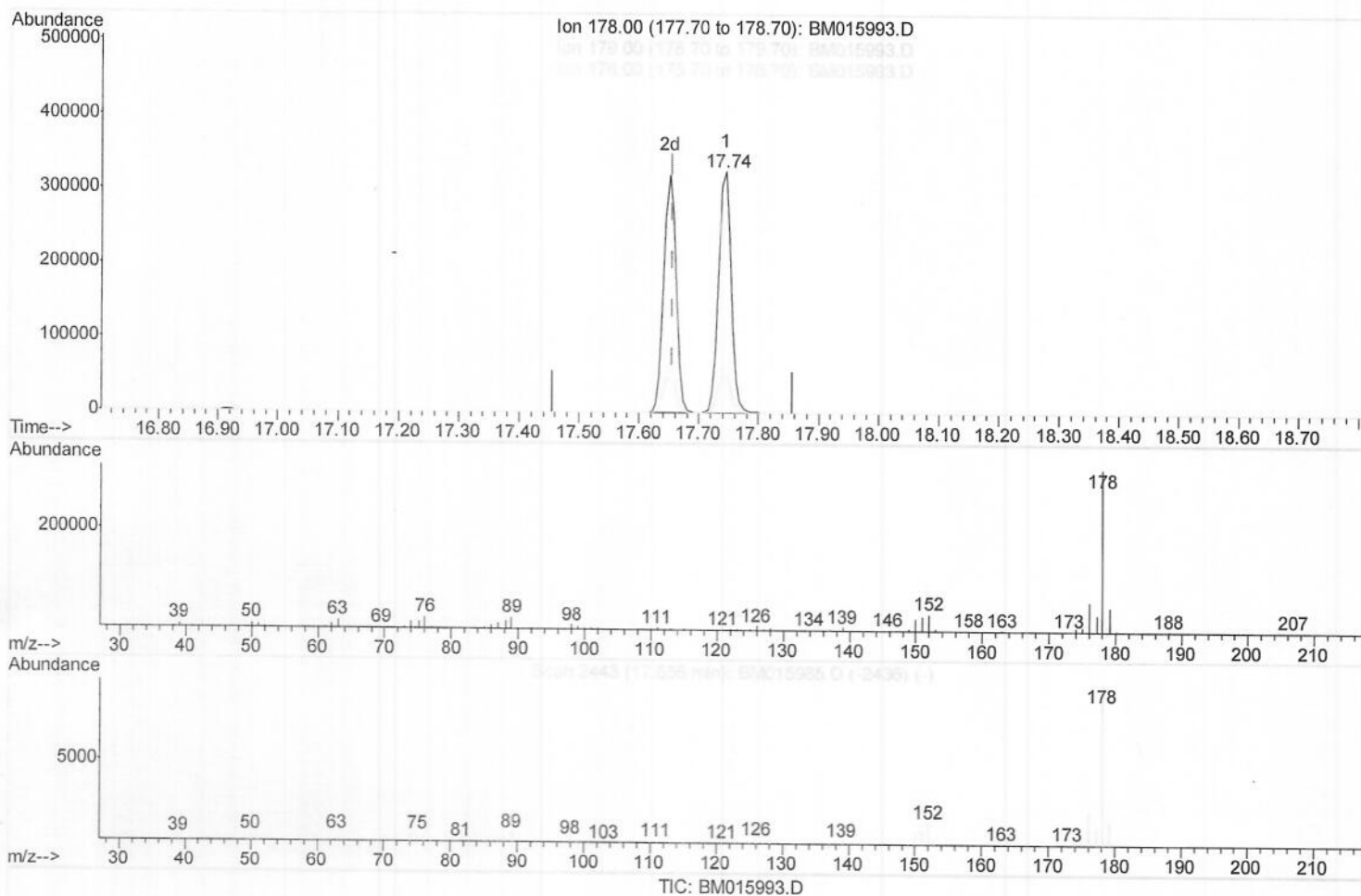
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Quant Time: Jul 19 18:53:48 2018
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(69) Phenanthrene

17.745min (+0.088) 19.85ng/ul

response 474565

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.28
176.00	19.50	18.48
0.00	0.00	0.00

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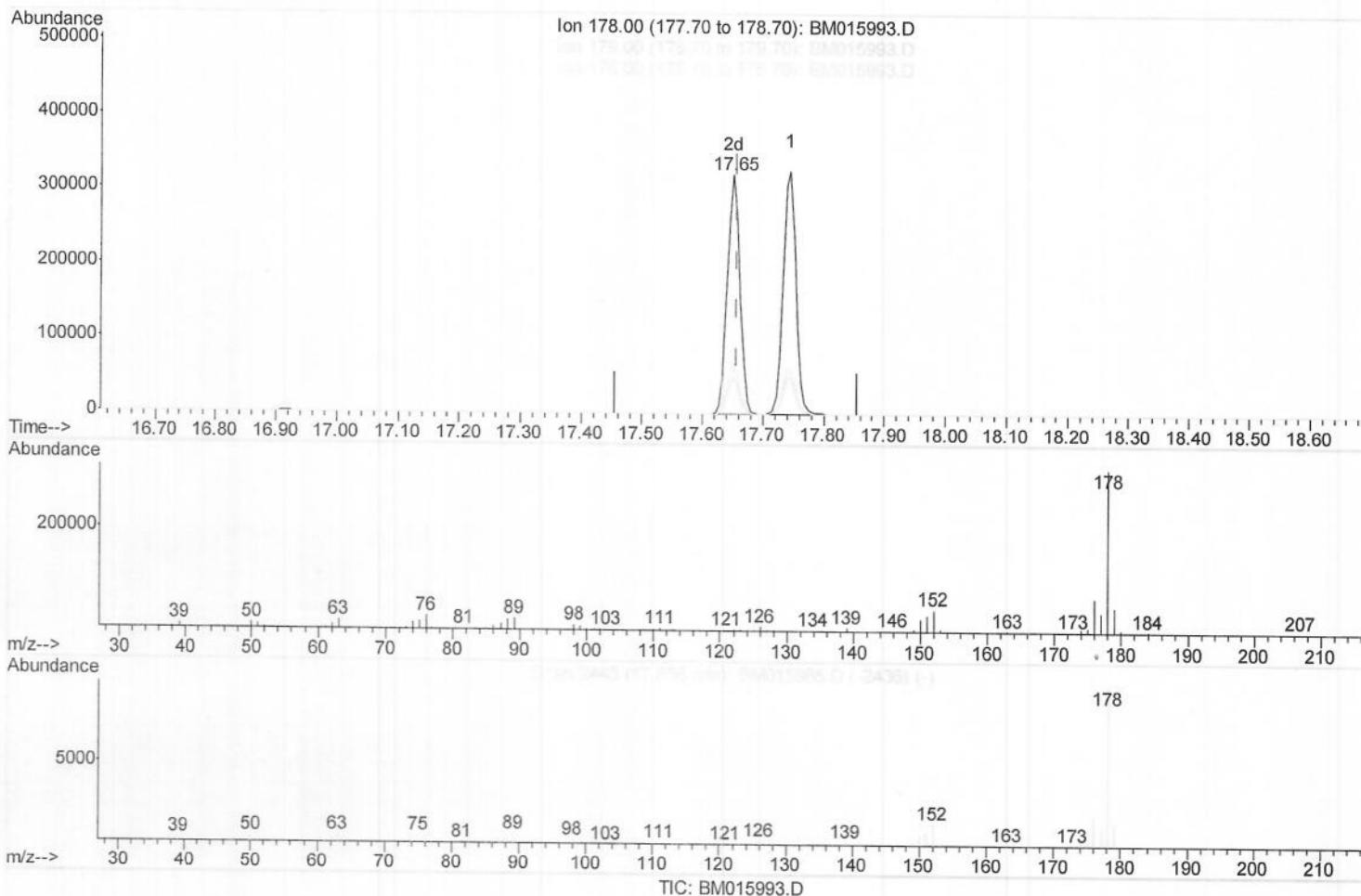
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(69) Phenanthrene

17.651min (-0.006) 19.16ng/ul m

response 458090

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.04
176.00	19.50	20.46
0.00	0.00	0.00

SJ
 07/20/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	57278	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	279590	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	175843	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	404407m	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	472004	20.00	ng/ul	0.00
85) Perylene-d12	24.11	264	470557	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.49	96	10622	8.16	ng/uL	0.00
5) Phenol-d5	7.41	99	96008	18.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	62130	18.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	83947	19.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	85014	18.97	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	39269	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	46641	20.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	89818	20.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	119704	22.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	307181	19.16	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	362112	19.81	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	50337	18.12	ng/ul	0.00
57) Fluorene-d10	15.87	176	258784	19.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	44984	16.67	ng/ul	0.00
70) Anthracene-d10	17.71	188	402036	19.42	ng/ul	0.00
78) Pyrene-d10	19.97	212	441822	20.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.96	264	505787	19.54	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.53	88	10055	7.923	ng/uL#	83
4) Benzaldehyde	7.40	77	70426	20.933	ng/ul	83
6) Phenol	7.44	94	98857	18.809	ng/ul#	66
8) Bis(2-Chloroethyl)ether	7.67	93	73987	19.063	ng/ul#	88
10) 2-Chlorophenol	7.82	128	82505	19.545	ng/ul	92
11) 2-Methylphenol	8.70	108	76795	18.997	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.77	45	115441m	18.726	ng/ul	
14) Acetophenone	9.10	105	138625	18.612	ng/ul#	80
15) N-Nitroso-di-n-propylamine	9.07	70	73949	19.847	ng/ul#	64
16) 4-Methylphenol	9.04	108	84657	18.963	ng/ul	94
17) Hexachloroethane	9.33	117	37039	19.496	ng/ul	91
20) Nitrobenzene	9.49	77	109629	19.320	ng/ul#	88
21) Isophorone	10.00	82	196526	19.850	ng/ul	96
23) 2-Nitrophenol	10.20	139	49518	20.214	ng/ul#	70
24) 2,4-Dimethylphenol	10.25	107	112756	20.125	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.48	93	111461	19.349	ng/ul	98
27) 2,4-Dichlorophenol	10.73	162	85924	19.852	ng/ul	97
28) Naphthalene	11.13	128	280670	18.942	ng/ul	100
30) 4-Chloroaniline	11.25	127	117164	21.848	ng/ul	99
31) Hexachlorobutadiene	11.39	225	58288	19.171	ng/ul	99
32) Caprolactam	12.04	113	26950	18.473	ng/ul#	57
33) 4-Chloro-3-methylphenol	12.36	107	97527	19.192	ng/ul	99
34) 2-Methylnaphthalene	12.72	142	203780	18.535	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.09	216	104201	19.093	ng/ul#	94
37) Hexachlorocyclopentadiene	13.05	237	39950	15.440	ng/ul	97
38) 2,4,6-Trichlorophenol	13.33	196	70103	19.893	ng/ul	99
39) 2,4,5-Trichlorophenol	13.40	196	73484	19.628	ng/ul	100
40) 1,1'-Biphenyl	13.72	154	287897	19.334	ng/ul	99
41) 2-Chloronaphthalene	13.77	162	221605	19.282	ng/ul	99
42) 2-Nitroaniline	13.98	65	76061	20.682	ng/ul#	74
44) Dimethylphthalate	14.33	163	304262	19.168	ng/ul	98
45) 2,6-Dinitrotoluene	14.47	165	58434	20.603	ng/ul#	69
47) Acenaphthylene	14.61	152	352242	19.675	ng/ul	99
48) 3-Nitroaniline	14.80	138	58313	19.967	ng/ul	90
49) Acenaphthene	14.94	153	251319	19.328	ng/ul	97
50) 2,4-Dinitrophenol	15.03	184	20895	13.332	ng/ul#	1
52) 4-Nitrophenol	15.10	109	64293	19.419	ng/ul#	73
53) Dibenzofuran	15.27	168	352153	18.978	ng/ul#	87
54) 2,4-Dinitrotoluene	15.26	165	90500	19.881	ng/ul#	51
55) 2,3,4,6-Tetrachlorophenol	15.50	232	67457	19.779	ng/ul#	84
56) Diethylphthalate	15.67	149	335736	19.460	ng/ul	96
58) Fluorene	15.92	166	286071	19.028	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.90	204	142106	18.967	ng/ul	93
60) 4-Nitroaniline	15.96	138	59618	18.611	ng/ul#	59
63) 4,6-Dinitro-2-methylphenol	16.02	198	48015	17.371	ng/ul#	76
64) N-Nitrosodiphenylamine	16.12	169	248426	19.832	ng/ul	97
65) 4-Bromophenyl-phenylether	16.79	248	83285	19.110	ng/ul	92
66) Hexachlorobenzene	16.92	284	91946	18.895	ng/ul#	89
67) Atrazine	17.06	200	96733	19.349	ng/ul	98
68) Pentachlorophenol	17.26	266	46168	17.648	ng/ul	97
69) Phenanthrene	17.65	178	458090m	19.159	ng/ul	.
71) Anthracene	17.74	178	473790	19.218	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.69	216	110689	19.565	ng/uL	96
73) Pentachlorobenzene	15.19	250	107283	19.383	ng/uL	98
74) Carbazole	18.02	167	422955	18.930	ng/ul	98
75) Di-n-butylphthalate	18.53	149	578567	20.268	ng/ul#	97
76) Fluoranthene	19.64	202	536111	17.866	ng/ul#	95
79) Pvrene	19.99	202	556825	20.011	ng/ul	96
80) Butylbenzylphthalate	20.84	149	285441	21.323	ng/ul#	81
81) 3,3'-Dichlorobenzidine	21.63	252	203095	19.561	ng/ul	97
82) Benzo(a)anthracene	21.71	228	600502	19.678	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.59	149	412042	20.990	ng/ul	95
84) Chrysene	21.76	228	545242	19.101	ng/ul	100
86) Di-n-octyl phthalate	22.51	149	718672	19.500	ng/ul#	84
87) Benzo(b)fluoranthene	23.39	252	593424	19.660	ng/ul	98
88) Benzo(k)fluoranthene	23.43	252	566604	19.637	ng/ul	98
90) Benzo(a)pyrene	24.01	252	551645	19.007	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.56	276	607429	17.022	ng/ul#	92
92) Dibenzo(a,h)anthracene	26.56	278	514253	17.018	ng/ul	97
93) Benzo(a,h,i)perylene	27.31	276	465658	16.320	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed